

NORTH TEXAS MUNICIPAL WATER DISTRICT - Wylie

MONTHLY WATER ANALYSIS

MONTH: Jul 2017

	RAW	TREATED
Mineral Analysis	mg/L	mg/L
Residue on Evaporation	538	452
Silica (SiO2)	4.51	3.87
Iron (Fe)	0.314	0.114
Calcium (Ca)	48.4	47.4
Magnesium (Mg)	10.5	8.92
Sodium (Na)	68.7	87.2
Potassium (K)	6.23	5.69
Sulfate (SO4)	96.3	150
Nitrite (NO2)	0.0110	<0.0100
Nitrate (NO3)	0.0950	0.167
Chloride (Cl)	95.7	98.4
Fluoride (F)	0.292	0.269 *
Phosphates (PO4)	0.0730	0.0110
Water Stability	mg/L as CaCO3	mg/L as CaCO3
Total Alkalinity	90.4 *	73.4 *
Total Hardness	157	152
Langelier Index		-0.3720
Trace Element Analysis	mg/L	mg/L
Arsenic (As)	0.00462	0.00055
Barium (Ba)	0.0709	0.0515
Cadmium (Cd)	<0.000500	<0.000500
Chromium (Cr)	<0.000500	<0.000500
Copper (Cu)	0.0141	0.00334
Iron (Fe)	0.314	0.114
Lead (Pb)	<0.000250	<0.000250
Manganese (Mn)	0.0536	0.00553
Mercury (Hg)	<0.0000500	<0.0000500
Nickel (Ni)	0.00385	0.00597
Selenium (Se)	0.000631	<0.000500
Silver (Ag)	<0.000250	<0.000250
Zinc (Zn)	0.00543	0.00738
Other Analysis	Units	Units
Chlorine Residual (mg/L)	--	3.57 *
Total coliform (Present / Absent)	--	A *
pH (Standard Units) @ 25°C	8.07 *	8.06 *
Specific Conductance (Umhos)	672 *	666 *
Turbidity (NTU)	10.6 *	0.0670 *
Threshold Odor Number	6E	3Cl

* Identifies Monthly Average Process analyses.

Date: 8/10/2017